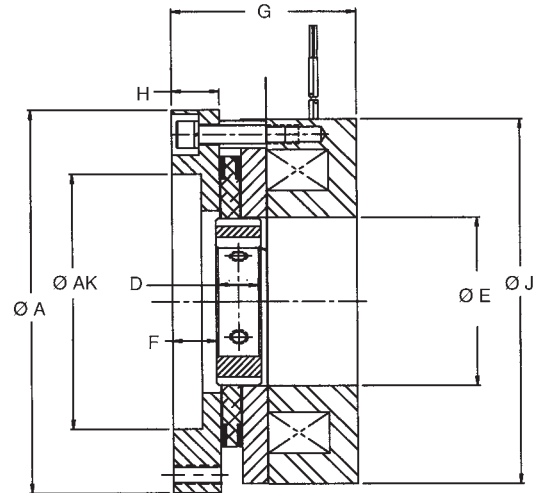
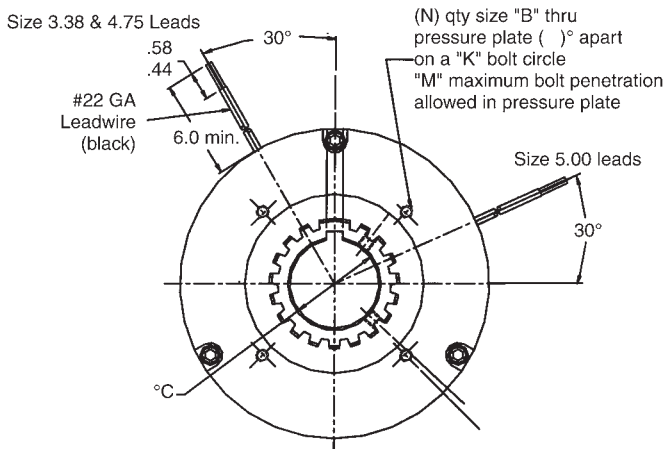


Series 311



- Torque: 75 to 400 lb-in (8.5 to 45.2 Nm)
- UL Recognized Class H coil insulation system to US Standards (UR) and Canadian National Standards (CUR) - File E125303
- Spring activated and DC voltage released
- Corrosion resistant finishes
- Standard voltages 24 and 90 Vdc
- Available voltages 12, 36, 48 and 180 Vdc
- Low inertia rotating parts
- Splined hub for quiet dependable operation
- Holding applications only
- **Installation and Service Instructions:**
P/N 8-078-888-00



Dimensions in Inches (mm)

Size	Model Number	K	N	B	A	AK	ØC Maximum	D Hub Lengths	E	Hub Location F	G	H	J	M
3.38	311-54010	2.500 (63.500)	Qty. 2 (180°) apart	#10-24 UNC	3.375 (85.725)	-	1.125	1.00 (25.4)	1.713 (43.51)	.30 (7.620)	1.999 (50.775)	.383 (9.728)	3.380 (85.852)	.360 (9.144)
4.75	311-64010	3.125 (79.375)	Qty. 4 (90°) apart	#10-32 UNF	4.750 (120.650)	2.750 (69.850)	1.375	.562 (14.27)	2.350 (59.690)	.16 (4.064)	2.310 (58.670)	.493 (12.522)	4.750 (120.65)	.465 (11.811)
5.00	311-74010	4.750 (120.650)	Qty. 6 (60°) apart	1/4-20 UNC	5.250 (133.35)	3.500 (88.900)	1.500	.620 (15.75)	2.312 (58.725)	.60 (15.240)	2.540 (64.516)	.656 (16.662)	5.00 (127.00)	.625 (15.875)

NOTE: Mounting bolt circles, mounting hole thread sizes, and quantity of mounting holes can be changed to meet your requirements. Please contact factory to request mounting dimensions other than those shown here

Series 311 Continued

Engineering Specifications

Size	Part Number	Nominal Static Torque		Friction Material Type	Approximate Weight		Electric Power (watts)	Hub and Disc Inertia	
		lb-in	Nm		lbs	kg		lb-in-sec ²	kg-cm-sec ²
3.38	311-54010-XX-XX	75	8.5	holding	2.75	1.25	25	5.2 E-04	5.99E-04
4.75	311-64010-XX-XX	120	13.6	holding	7.00	3.18	30	1.48E-03	1.71E-03
5.0	311-74010-XX-XX	400	45.2	holding	8.75	3.97	30	1.87E-03	2.16E-03

Ordering Information

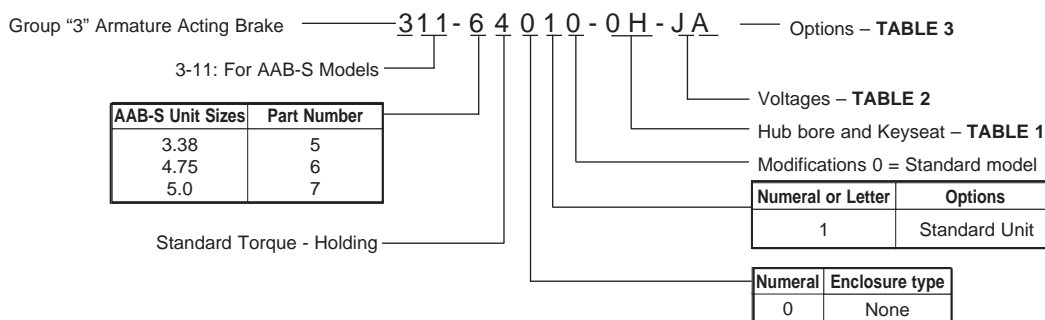


Table 1: hub bores 311-64010 - □□-JA

Character to insert	Bore +001/.001	Keyway Size*		Bores Available (Size)		
		Width inches	Depth inches	3.38	4.75	5.0
0B	5/8	3/16	3/32	X	X	
0D	7/8	3/16	3/32	X	X	X
0E	1-1/8	1/4	1/8	X	X	X
0G	1-3/8	1/4	1/8		X	X
0M	1-1/2	1/4	1/8			X
	<i>Metric</i>	<i>mm</i>	<i>mm</i>			
12	12	4	1.8	X		
14	14	5	2.3	X	X	
15	15	5	2.3	X	X	
17	17	5	2.3	X	X	
18	18	6	2.8	X	X	
19	19	6	2.8	X	X	
20	20	6	2.8	X	X	
22	22	6	2.8	X	X	X
23	23	8	3.3	X	X	X
24	24	8	3.3	X	X	X
25	25	8	3.3	X	X	X
26	26	8	3.3	X	X	X
28	28	8	3.3	X	X	X
30	30	8	3.3		X	X
32	32	10	3.3		X	X
34	34	10	3.3		X	X
35	35	10	3.3			X
36	36	10	3.3			X
38	38	10	3.3			X

NOTE: Non-standard bore sizes available, contact factory.

*Keyseats made to ANSI B17.1 standard.

Table 2: Coil Voltage 311-64010-0H-□A

Character to insert	Voltage
C	*12 Vdc
E	24 Vdc
G	*48 Vdc
J	90 Vdc
L	*180 Vdc

*These voltages are non-standard.

Table 3: Options 311-64010-0H-J□

Character	Options
A	Basic Brake, Endplate Mounted, Long Hub*

* Pass-through hub